

5/14

|                         |              |             |
|-------------------------|--------------|-------------|
| DART AEROSPACE LTD      | Work Order:  | 22861       |
| Description: Hub Sleeve | Part Number: | D3233-5     |
| Dwg: D3233 Rev. B       | Qty:         | Page 1 of 1 |

| Step | Location | Procedure   | By  | Date     | Qty |
|------|----------|---|-----|----------|-----|
| 1    | DC       | Issue Traveler  | PH  | 05.03.31 | 1   |
| 2    | CL       | Turn as per Dwg D3233<br>Material: AISI 1020-1025 Seamless Round Tubing Cold Drawn per<br>MIL-T-5066 or ASTM A513-00 MT1020 SRA or AMS 5075 or AMS<br>5077<br>(M1020TR1.875W.250)<br>Identify for D3233-5 |     |          |     |
| 3    | QC2      | Inspect parts as they come off the machine<br>Identify as D3233-5   |     |          |     |
| 4    | CM       | Mill as per Dwg D3233   |     |          |     |
| 5    | QC8      | Second check  |     |          |     |
| 6    | CM       | Deburr  |     |          |     |
| 7    | QC5      | Inspect work to Step 6  |     |          |     |
| 8    | ST       | Identify and Stock  |     |          |     |
| 9    | AC       | Cost / part <del>Q</del>  | SUE | 05.03.31 | 4   |
| 10   | DC       | Close W/O<br>Inspect Level 21   |     |          |     |

| Rev | Date     | Change    | Revised By | Approved |
|-----|----------|-----------|------------|----------|
| A   | 05.03.14 | New issue | KJ/JLM     |          |

RELEASED  
5/15 03:15

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                 |                          |
|------|------|--------------------|----|------|-----|---------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Mfg / Design<br>Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                 |                          |
|      |      |                    |    |      |     |                                 |                          |

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                  |                |                           |                        |                          |
|------|------|----------------------------------|-----------------------------|----------------------------------|----------------|---------------------------|------------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                  |                | Verification<br>Section C | Approval<br>Design Mgr | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Design Mgr       | Action Description<br>Design Mgr | Sign &<br>Date |                           |                        |                          |
|      |      |                                  |                             |                                  |                |                           |                        |                          |
|      |      |                                  |                             |                                  |                |                           |                        |                          |
|      |      |                                  |                             |                                  |                |                           |                        |                          |

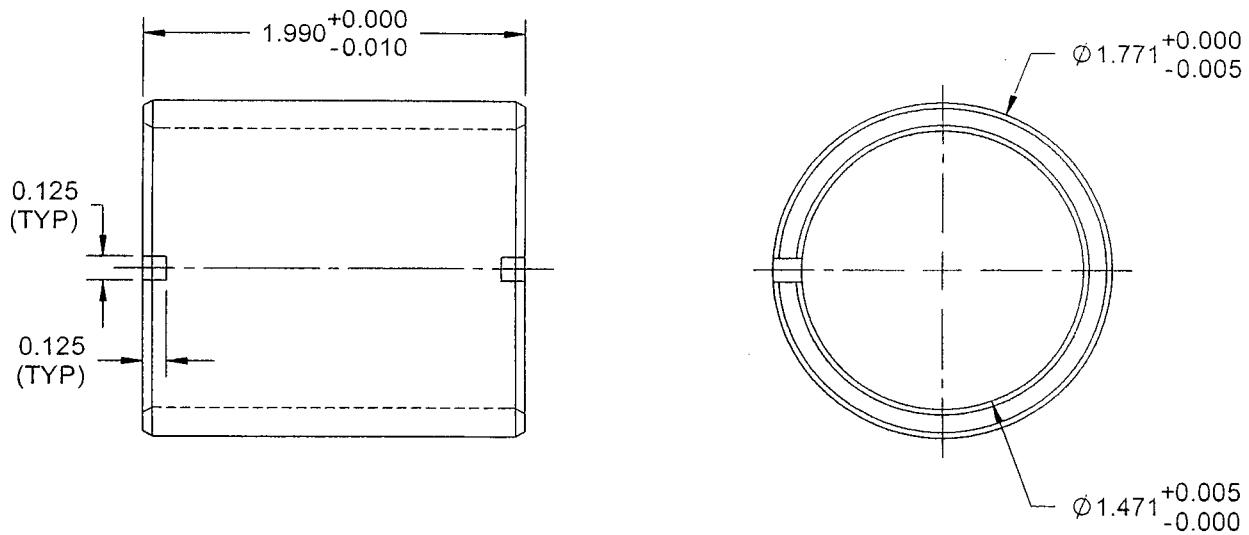
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

NOTE: Date & initial all entries

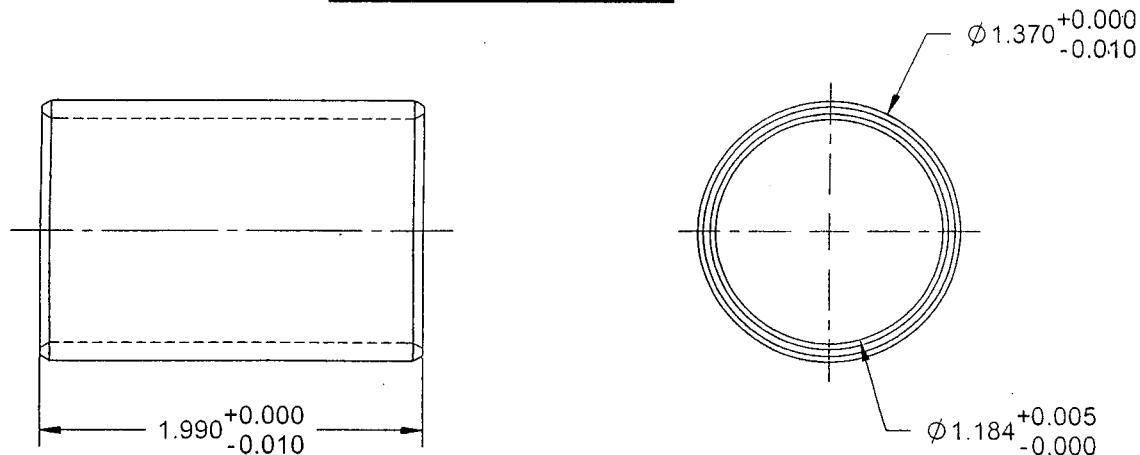
QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

PRELIMINARY ISSUE

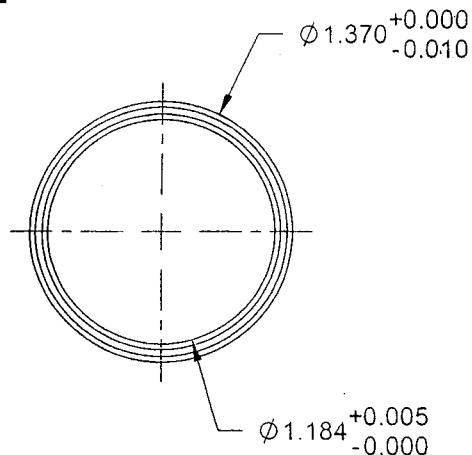
|         |          |   |                        |
|---------|----------|---|------------------------|
| DESIGN  | DRAWN BY | DART AEROSPACE LTD<br>HAWKESBURY, ONTARIO, CANADA |                        |
| CHECKED | APPROVED | DRAWING NO.<br>D3233                              | REV. B<br>SHEET 3 OF 3 |
| DATE    | 05.03.08 | TITLE<br>WHEEL ASSEMBLY                           | SCALE<br>1:1           |



### D3233-5 HUB SLEEVE



### D3233-7 SHAFT SLEEVE



#### NOTES:

- 1) MATERIAL: AISI 1020-1025 ROUND TUBING PER MIL-T-5066 OR ASTM A513-00 AMENDMENT MT1020 SRA OR AMS 5075 OR AMS 5077, COLD DRAWN, SEAMLESS (REF. DART SPEC. M1020TR)
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.010 TO 0.030

DRWING COPY

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TRIMMED COPY

WORK ORDER  
NO. 22861

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## Job Costing Report

Dart Aerospace Ltd.  
HawkesburyMar 31, 2005  
05:10 am

Work Order No : 0022861  
 Project Name : D3332-5 D3233-5  
 Project For : WK514  
 Work Order Type : Main  
 Main WO Number :  
 House Part Number : D3332-5  
 Description : Shaft  
 Manufactured : No  
 Amount Req'd : 0  
 Amount Done : 0  
 Start Date :  
 Est Finish Date :  
 Act Finish Date :  
 Drawings Reqd : No  
 Ok for Approval :  
 Approval Rec'd : \$0 Posted to Finished Goods

Department Code:  
 Burden Flags : NNNNNNN  
 WO Status : Open  
 Invoice State : Not Invoiced  
 Invoice Date :  
 Invoice Number :  
 Invoice Amount : 0.00  
 Order Entry No :  
 OE Value : 0.00  
 Est Mark Up : 0.000%  
 Actual Mark Up : 0.000%

|                     | Estimated | Actual | Var. % | Posted | To Post |
|---------------------|-----------|--------|--------|--------|---------|
| Material Cost :     | 0.00      | 0.00   | 0.00   | 0.00   | 0.00    |
| Engineering Hours : | 0.00      | 0.00   | 0.00   |        |         |
| Engineering Cost :  | 0.00      | 0.00   | 0.00   | 0.00   | 0.00    |
| Production Hours :  | 0.00      | 0.00   | 0.00   |        |         |
| Production Cost :   | 0.00      | 0.00   | 0.00   | 0.00   | 0.00    |
| Packaging Hours :   | 0.00      | 0.00   | 0.00   |        |         |
| Packaging Cost :    | 0.00      | 0.00   | 0.00   | 0.00   | 0.00    |
| OverHead Hours :    | 0.00      | 0.00   | 0.00   |        |         |
| OverHead Cost :     | 0.00      | 0.00   | 0.00   | 0.00   | 0.00    |
| CNC Hours :         | 0.00      | 0.00   | 0.00   |        |         |
| CNC :               | 0.00      | 0.00   | 0.00   | 0.00   | 0.00    |
| Misc. Hours :       | 0.00      | 0.00   | 0.00   |        |         |
| Misc. :             | 0.00      | 0.00   | 0.00   | 0.00   | 0.00    |
| <hr/>               |           |        |        |        |         |
| Burden :            | 0.00      | 0.00   | 0.00   |        |         |
| <hr/>               |           |        |        |        |         |
| Total Cost :        | 0.00      | 0.00   | 0.00   |        |         |
| Mark up :           | 0.000     | 0.000  |        |        |         |
| Selling Cost :      | 0.00      | 0.00   |        |        |         |

|                          | Estimated | Actual |
|--------------------------|-----------|--------|
| Labour Hrs/Amount Done : | 0.00      | 0.00   |
| Profits/ (Loss) :        | 0.00      | 0.00   |